



Docket No. 378-21-020

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James D. Parsons

Serial No. 10/608,737

Filed: 06/27/2003

Title: STABLE HIGH TEMPERATURE SENSOR/HEATER SYSTEM AND METHOD  
WITH TUNGSTEN ON AIN

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 23313-1450

TRANSMITTAL FOR INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is an Information Disclosure Statement for the above application. We authorize the Commissioner to charge payment of any additional fees required in connection with this application to Deposit Account No. 11-1580. We enclose a copy of this sheet.

Respectfully submitted,

Richard S. Koppel  
Registration No. 26,475  
Attorney for Applicant

September 9, 2003

KOPPEL, JACOBS, PATRICK & HEYBL  
555 St. Charles Drive, Suite 107  
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(805) 373-0060

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CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450 on the date shown below:

September 9, 2003

Date

Stephanie A. Eisel



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September 9, 2003 Stephanie A. Eisel  
Date Stephanie A. Eisel



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**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(b)**

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicant brings to the attention of the Examiner the documents listed on the attached Form PTO-1449. This Information Disclosure Statement is being filed within three months of the filing of the above referenced application or before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed non-U.S. patent documents are attached.

Applicant respectfully requests that the Examiner consider the listed documents and evidence that consideration of relevant portions thereof by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If the Examiner applies any of the documents as prior art against any claim in the application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

September 9, 2003

Respectfully submitted,



Richard S. Koppel  
Registration No. 26,475  
Attorney for Applicant

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| FORM PTO-1449 (Modified)<br>INFORMATION DISCLOSURE CITATION<br>IN AN APPLICATION<br>(Use several sheets if necessary) | Docket No. 378-21-020      | Application Number<br>10/608,737 |
|   | Applicant James D. Parsons |                                  |
|   | Filing Date 06/27/03       | Group Art Unit                   |

## U.S. PATENT DOCUMENTS

| Examiner<br>Initial | Document Number |   |   |   |   |   |   | Date     | Name              | Class | Subclass | Filing Date<br>If Appropriate |
|---------------------|-----------------|---|---|---|---|---|---|----------|-------------------|-------|----------|-------------------------------|
|                     | 6               | 0 | 8 | 4 | 2 | 2 | 1 | 07/04/00 | Natsuhara, et al. | 219   | 553      | 10/28/1998                    |
|                     | 6               | 1 | 0 | 3 | 1 | 4 | 6 | 08/15/00 | Okamoto           | 252   | 514      | 11/04/1997                    |
|                     | 6               | 2 | 4 | 2 | 7 | 1 | 9 | 06/05/01 | Kano, et al.      | 219   | 444.1    | 06/05/2001                    |
|                     | 6               | 2 | 3 | 9 | 4 | 3 | 2 | 05/29/01 | Parsons           | 250   | 338.1    | 05/29/2001                    |
|                     |                 |   |   |   |   |   |   |          |                   |       |          |                               |
|                     |                 |   |   |   |   |   |   |          |                   |       |          |                               |
|                     |                 |   |   |   |   |   |   |          |                   |       |          |                               |
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|                     |                 |   |   |   |   |   |   |          |                   |       |          |                               |
|                     |                 |   |   |   |   |   |   |          |                   |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|  | Document Number |  |  |  |  |  |  | Date | Country | Class | Subclass | Translation |    |
|--|-----------------|--|--|--|--|--|--|------|---------|-------|----------|-------------|----|
|  |                 |  |  |  |  |  |  |      |         |       |          | Yes         | No |
|  |                 |  |  |  |  |  |  |      |         |       |          |             |    |
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|  |                 |  |  |  |  |  |  |      |         |       |          |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |    |   |
|--|----|---|
|  | 1. | R. Holanda, "Thin-Film Thermocouples on Ceramics", NASA Technical Briefs, March 1997, p. 62: Pt vs PtRh metal thin films are deposited on AlN dies for use as thin-film thermocouples (TCs).                                      |
|  | 2. | Y.H. Chiao et al, "Interfacial Bonding in Brazed and Cofired Aluminum Nitride", ISHM '91 Proceedings, pp. 460-468 (The year of publication is sufficiently earlier than the effective filing date and any foreign priority date.) |
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|  |    |   |
|  |    |   |
| Examiner   |    | Date Considered   |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |   |